

Converting Colors

CIELCh(45, 25.779, 345.251)

Have a look what the booklet for
CIELCh(45, 25.779, 345.251)
contains.

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Color

CIELCh(45, 25.933, 345.326)

Conversions

Conversions Part 1

Format	Color
Hex	8E5B76
RGB	142, 91, 118
RGB Percent	56%, 36%, 46%
CMY	0.4431, 0.6431, 0.5372
CMYK	0.00, 0.36, 0.17, 0.44
HSL	328°, 22%, 46%
HSV	328°, 36%, 56%
XYZ	18.1672, 14.5417, 18.9896
YIQ	109.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

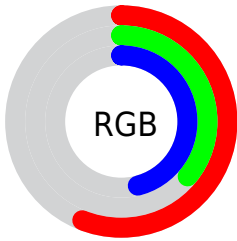
Format	Color
R_{YB}	142, 91, 118
Decimal	9329526
CIE _{Lab}	45.00, 25.09, -6.57
CIE _{LCh}	45, 25.933, 345.326
Yxy	14.5417, 0.3514, 0.2813
Android (android.graphics.Color)	4287519606 (0xFF8E5B76)
YUV	109.3270, 4.2758, 28.6542
Hunter-Lab	38.1336, 18.3053, -2.8315

Details

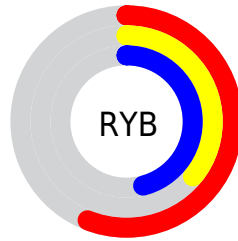
The CIELCh color $45, 25.933, 345.326$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 25.013, 158.825$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 25.977, 345.686$, and $25, 25.670, 344.792$ is the 20% darker color. If you saturate the color by 10%, you get $42, 32.970, 346.502$, and if you desaturate by 10%, it is $49, 18.673, 344.294$.

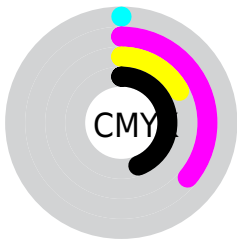
Distribution



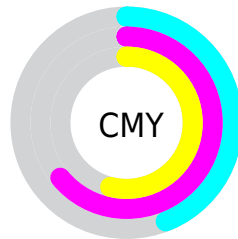
- Red (56%)
- Green (36%)
- Blue (46%)



- Red (56%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (64%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 25.933, 345.326 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 45, 25.933, 345.326 by changing the saturation by 10% instead.


 45, 25.933,
345.326


 45, 25.933,
345.326


 100, 25.933,
345.326


 35, 25.933,
345.326

 65, 25.933,
345.326


 25, 25.933,
345.326

 75, 25.933,
345.326

 15, 25.933,
345.326

 85, 25.933,
345.326

 5, 25.933, 345.326

 95, 25.933,
345.326

 0, 25.933, 345.326

 45, 25.933,

 45, 25.933,

345.326

345.326

42, 32.970,
346.502

49, 18.673,
344.294

38, 39.529,
347.867

53, 11.384,
343.365

36, 45.282,
349.494

57, 4.186, 342.487

33, 49.875,
351.482

61, 2.846, 161.909

65, 9.672, 161.134

32, 53.017,
353.957

69, 16.276,
160.475

30, 54.688,
357.026

73, 22.653,
159.871

30, 55.283,
358.329

77, 28.812,
159.310

82, 34.764,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45, 25.933, 345.326



55, 25.013, 158.825

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45, 25.933, 345.326



45, 25.933, 35.326



45, 25.933, 165.326



45, 25.933, 215.326

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45, 25.931, 345.327



69, 9.660, 342.954



43, 31.980, 309.702



35, 6.476, 343.055



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45, 25.931, 345.327



54, 38.151, 346.251



44, 22.559, 20.036



28, 4.030, 342.777



28, 53.364, 358.137



1, 2.694, 342.098

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45, 25.931, 345.327



54, 38.151, 346.251



56, 17.975, 194.558



28, 4.030, 342.777



28, 53.364, 358.137



1, 2.694, 342.098

Previews

White Background



This preview shows how the CIELCh color 45, 25.933, 345.326 looks on a white background.

Color Contrast Check

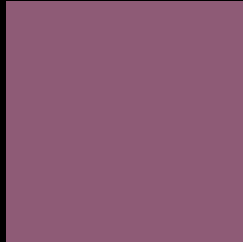
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 25.933, 345.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

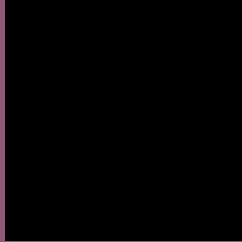
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 25.933, 345.326

Background



This preview shows how black text looks on a background with the CIELCh color 45, 25.933, 345.326.



This preview shows how white text looks on a background with the CIELCh color 45, 25.933, 345.326.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45, 25.933, 345.326

Protanopia

45, 13.174, 285.489

Deuteranopia

45, 8.059, 317.698



Tritanopia
45, 20.167, 10.497

Trichromacy



Original Color
45, 25.933, 345.326

Protanomaly
45, 15.166, 316.340

Deuteranomaly
45, 14.757, 334.801

Tritanomaly
45, 21.735, 0.303

Monochromacy



Original Color
45, 25.933, 345.326

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 9.829, 343.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 25.933, 345.326 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(142, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 91, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(142, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 91, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 25.933, 345.326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 91, 118) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(142, 91, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(142, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 91,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 25.933, 345.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 91, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(142, 91,  
118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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